

OUTDOOR BLUETOOTH



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Operating Manual

HSB-Series

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HuRob Co., Ltd.
www.hurob.com

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1 Before use

■ Safety precautions



Take care in using outdoor Bluetooth.

- Strong impact to it or dropping it may cause trouble and explosion.
- Its exposure to high temperature or heating it may cause trouble and explosion.
- Take care for children or pets not to bite or suck the headset.
- Take care of it not to be put in the water or to get wet. It may cause electric shock or trouble due to damage of parts or circuit.



Always use original parts

- You must use approved product supplied or sold separately by manufacturer, unauthorized battery or charger, etc. may cause short of life, degrade of performance and safety in use of the product can not be guaranteed.



Do not use it at the places prohibited to use it such as in hospitals, etc.

- Turn off your headset at the places prohibited to use headset where it may cause radio wave problem or danger.



Turn off your headset prior to entering any places with a potentially explosive atmosphere.

- Obey all regulations, instructions, signals in the area with a potentially explosive atmosphere.



Do not modify, disassemble, repair at your own.

- Repair must always be done at the designated service center.
- Unauthorized modification, disassemble, repair can cause you not to get free of charge repair.



Do not use it near microwave range or wireless LAN.

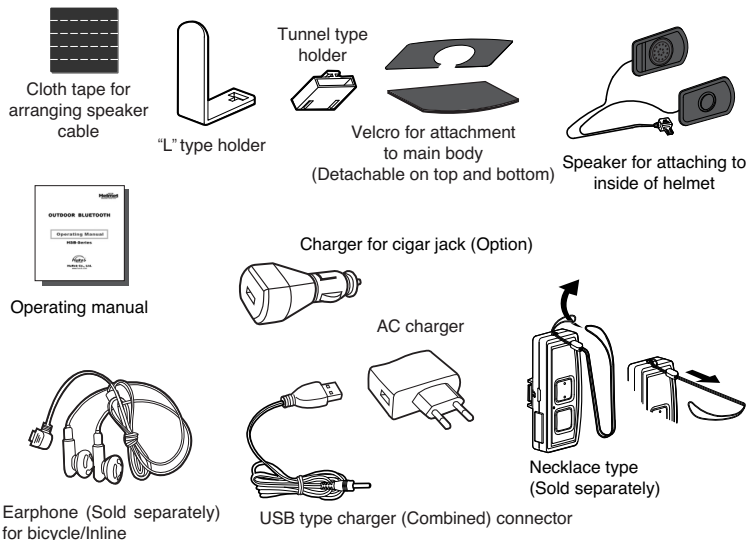
- It uses the same frequency therefore it may cause malfunction or noise.

35km

Use it under the speed of less than 35km/h for safety purpose.

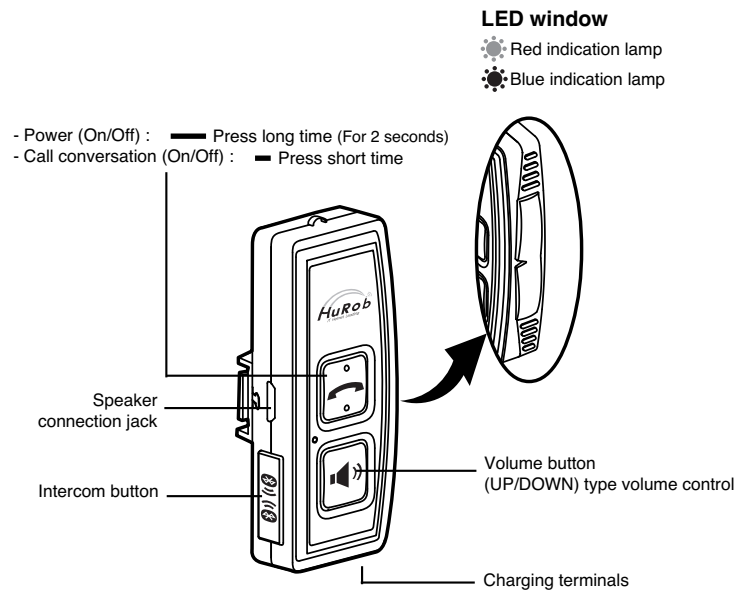
- Obey applicable laws related to using mobile phones during driving.

■ Product configurations

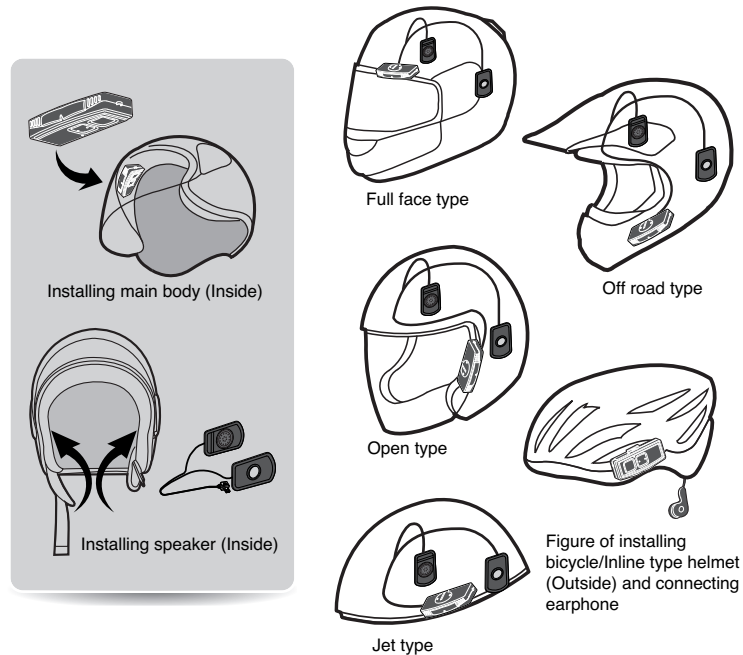


* Pictures of components may be different from actual thing, and some items may be changed according to product series.

■ Names of each part



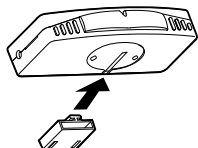
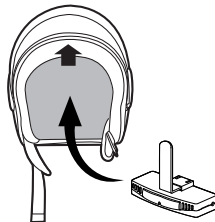
■ Installed figure for each helmet type



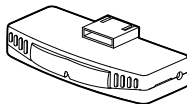
■ Installing main body into helmet

1. A-type installation of main body

- ① Wipe out contact part of helmet before installing Bluetooth.
- ② Install tunnel type holder to the equipment.
- ③ Insert "L" type holder into tunnel type holder.
- ④ Fix the holder at helmet insertion position.
- ⑤ Connect speaker into speaker connection jack.



Insert tunnel type holder to main body



Insert "L" type holder



Note

[Information] If fixing in helmet is not stable then fix it using both sides sticking tape.



Cautions :

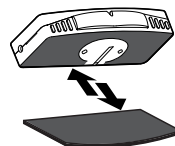
If the product is installed on the both side sticking tape which is not sufficiently fixed then the product may drop resulting in damage of it during driving. Sticking power of the both side sticking tape is getting stronger after more than 25 hours.

■ Installing main body into helmet

2. B-type installation of main body

- ① Wipe out contact point of helmet before installing Bluetooth
- ② Attach "lower" Velcro onto inside of helmet.
- ③ Attach "upper" Velcro on the attaching side of this equipment.
- ④ Install this equipment onto helmet.

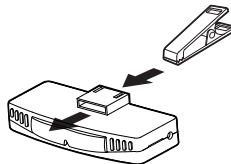
Velcro for attaching main body



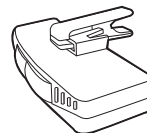
Velcro for attaching onto inside of helmet
(Easily detachable to main body)

3. C-type installation of main body (For earphone)

Using clip for reports activity



Insert clip into tunnel type holder



Back side figure of completed installation of clip

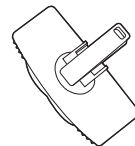


Figure of completed installation of clip

■ Cautions in use

Read and know well this manual prior to using this product.

"Cautions" and "Information" are explained in order for users to use this product more safely.



Cautions : If you do not observe this mark, it may cause this product to have trouble or damage.



Note

[Information] It provides information for users to be confused or to know.

* Certification of equipment

This equipment is certified as a wireless equipment of low power data communication system in accordance with Radio Wave Act. Therefore you do not require to acquire license or certification of permission of radio station when you use this equipment.

*Cautions

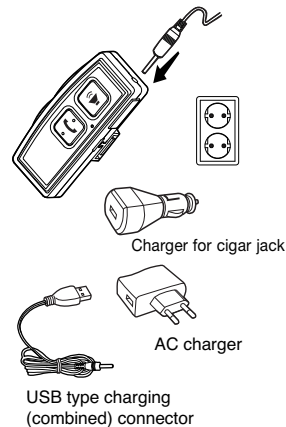
1. It may malfunction or generate noise at the place using the same frequency with Bluetooth such as Wi-Fi.
2. Please read this manual if you have any unclear points or it has abnormal symptoms.

2 Basic use

■ Charging

This equipment contains LI-polymer battery, use it after the battery fully charged.

1. Connect the charger to the charging jack of this equipment.
2. It takes about 2 hours and 30 minutes to charge the battery fully, if the battery is fully charged then indication lamp changes its color from red to blue color.
3. If remaining level of the battery becomes lower, then it beeps in 30 second interval, in this case recharge the battery to use it.
4. If the battery has not been used for a long time, power supply time of the battery may be shorter. Use the battery after you exercise many cycles of fully charging and discharging.



Cautions :



Do not charge headset with charger other than approved one. It may cause trouble or damage.

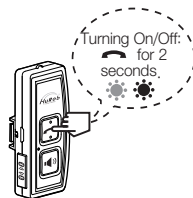


Note

[Information]
The product image may differ according to application products.

■ Turning On / Off

	Use	Signal tone	Indication lamp
Turning On	Press main  for 2 seconds	Power is turned on together with signal tone "Pee"	After lighting blue color → lighting red color once, blue color flickers in 2 second intervals.
Turning Off	Press main  for 2 seconds	Power is turned on together with signal tone "Pee"	LED indication lamp is turned on and then turn off.



Note


1. The term of outdoor Bluetooth means general name of HSB-series.
2. If power is turned on for the first time after purchase, indication lamp becomes ON condition and it becomes automatic pairing condition.
3. When you register the mobile phone, select "Stereo headset". However, if you use peripheral devices with Bluetooth function then you must register "Hands free" only in order to avoid any operation problem.
4. You are recommended to use (Call conversation) under the condition of less than 35 km/h for your safety.

[Information]

1. When to connect Intercom between other kinds of equipments, if it is connected for the first time or reconnected then it takes sometime(15 seconds) in order to get security approval of other products. (Intercom speaks with microphone and checks with speaker of other party.)
2. Just the same as mobile phone, in order to prevent error operation of power button, wait for 2 seconds after power off and then turn on then it works normally.

■ Registering

1. First, this equipment must be set to ready for registration.
In order to set to ready for registration condition (Pairing)

If it becomes registration ready condition, (Pairing)	When power is turned on for the first time after purchase. • It becomes ready for registration condition right after blue indication lamp lights.
	If power is turned on by pressing  for a long time of about 4 seconds, • Blue indication lamp flickers and then lights and then it becomes ready for registration condition.

2. Register this equipment referring to user manual of mobile phone.
• Select "Stereo headset" under "Other equipment connection" item.
3. "HuRob HSB-xxxxx" appears on the list of searched equipments then set "Registration".
4. If you input "0000" on input screen of secret code or PIN code on the mobile phone then the connection is automatically completed.
5. Latest mobile phone supports simple pairing therefore it is automatically connected without asking PIN code.
6. For smart phone, if "HuRob HSB-xxxxx" appears after Bluetooth "Equipment Search" and if it is connected by "Pairing" or dragging then it is automatically connected.





Cautions : If it does not interwork according to characteristics of some mobile phones then ask the manufacturer of the mobile phone.

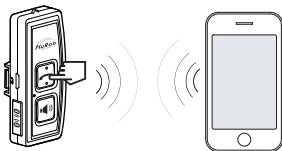


Note



[Information] In order to select "Hands free" only on the smart phone, if attribute window appears by pressing connected equipment for a long time then you can select it.

■ Making a call

1. Making a call to new phone number
 - After inputting number on mobile phone, if you press  then a call can be made.
 2. Redialing to last phone number
 - If  of this equipment is pressed then the phone number of last call is displayed on the mobile phone, and if you press it once more then the call can be made.
- * You can start conversation right away according to manufacturer of mobile phone.



■ Receiving a call

1. For receiving a call automatically, then the call is automatically connected.
2. For receiving a call manually, you can receive a call by pressing .
3. If you want to change the method to receive a call, if blue indication lamp maintains steady lit condition by pressing  of main body for 4 seconds then release your hand from the button. Blue indication lamp is flickering together with melody and then it is transferred to automatic receiving condition.




Note



[Information] In voice supporting model, in its manual receiving mode, you can receive a call by speaking bigger than normal voice just as "call~".

■ Ending the call

Press the button once for a short time, or press the end button of mobile phone.

■ Controlling volume

You can control volume using .

1. Volume increases each press of .
2. Volume decreases if you press  twice consecutively.
3. If volume control reaches to maximum or minimum then it beeps twice.
4. The set volume during the call conversation through mobile phone is automatically stored and the last set volume is maintained when you turn the power on again.




Examples of volume control



* UP/DOWN type is a function to control the volume of voice according to pressing method.

■ Initialization (S/W reset)

If  is pressed for 8 seconds at power off condition it becomes OFF condition after red indication lamp flickers twice, and all pairing information is deleted and reset.



Press call button for 8 seconds




■ Initialization (H/W reset)

If it does not work normally even though you execute initialization during using this equipment, if you press into the hole located at the bottom of this equipment with sharp item then it is initialized.


3 Listening music



The connection between this equipment and mobile phone must be registered as "Stereo headset" in order for this equipment work normally.

■ Play / Stop


1. If you press  for 2 seconds then it beeps and moves to music list screen in mobile phone and then it start to play.
2. To stop the music, press  for 2 seconds.
3. To end the music, press  for 2 seconds.

■ Controlling volume



You can control the level of volume using  during listening music.

1. Volume increases per each pressing of .
2. Volume is decreased if you press  twice consecutively.
3. If the level of the sound reaches to maximum or minimum then it beeps twice.
4. The level of volume sets during listening of music is automatically stored and it maintains the last level of volume even though you turn on the power again.

■ Receiving a call during listening music

1. For automatic receiving a call, a call is automatically received 3 seconds after you hear receiving tone.
2. For manual receiving a call, you can hear the receiving tone and you can receive the call by pressing .
3. If the call is ended then the music which you were listening is automatically played.

■ Placing a call during listening music

1. After you stop listening music in mobile phone if you press  then you can make a call
 2. During playing music in peripheral devices of Bluetooth, if you press  then music stops and the call is automatically made to the last call number.
- * You can start conversation immediately according to the manufacturer of mobile phone.







Note

[Information]

Even though you increase the volume of this equipment and the level of sound is still low, then increase the volume of mobile phone or peripherals of Bluetooth.

■ Conversation through Intercom during listening music

Two headsets must be paired in advance.

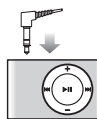
1. You can start call conversation by pressing   for a short time. To end the call then press   once more. However, the music being played stops during Intercom call conversation.
2. You can make a call by your voice of bigger level than normal with the model having voice support function. If no sound is continuous for 30 seconds after connection of Intercom then the call is automatically ended.



■ Listening music with peripheral devices of Bluetooth

In this equipment, "Hands free" only must be registered and "Stereo headphone" must be released.

1. Make this equipment to registration ready (Pairing) condition.
2. Make Bluetooth peripheral devices or Dongle to registration ready pairing condition.
3. If a call is automatically connected then blue indication lamp of this equipment flickers in 3 seconds interval.



Note

[Information] This equipment and mobile phone must be connected in "Hands free" then it can work normally with peripheral devices of Bluetooth. (Stereo function (A2DP profile) can not be used in duplication.)

4 Using Intercom

■ Connecting

Two(2) headsets must be ready to register (Pairing) in order to use Intercom.

This equipment starts at the power On condition of this equipment.

1. Make two headsets to registration ready (Pairing) condition.

-If you press **3)** **1)** for 8 seconds at condition of power turned on, blue and red indication lamps become lit condition simultaneously.

2. Connect Intercom.

-Press **3)** **1)** once for a short time at any of two(2) headsets.

3. Confirm Intercom connection condition.

-Speaker beeps 3 times in 5 second intervals for 15 seconds. If it is normally connected, blue indication lamp flickers in 6 second intervals and then you can speak with other party.



! Cautions :

1. If you do not hear signal tone, then press **3)** **1)** once more.
2. In order to connect Intercom with other type of equipment, pairing of other party must be connected not through Intercom pairing but through mobile pairing in order to use it.

Note

[Information] In order to use Intercom function between this equipment and other type of equipment, other equipment using for tandem is possible to listen music or to use Bluetooth external equipments (MP3 player, navigation, etc.), however, general mobile phone cannot be connected.

■ Connecting / Ending a call

1. If you press **3)** **1)** once for a short time then it becomes connected condition together with beep tone.
2. In order to end Intercom, if you press **3)** **1)** once for a short time then the call ends.

■ Controlling volume

You can controlled volume using **1)** during your call conversation.

1. The volume increases per each press of **1)**
2. Volume decreases per twice consecutive presses.
3. If the level of volume becomes maximum or minimum then it beeps twice.
4. The level of volume set during Intercom call conversation is stored therefore when you switch the power on then it maintains the last level of volume.



Note

[Information] If this equipment is turned off and then turned on then it takes some time (within 15 seconds) to reconnect Intercom.

■ Voice support (Supports R100 model only)

Two (2) headsets must be paired in advance.

1. If this equipment is turned OFF and then turned ON, after confirming connection/release by pressing Intercom button manually, it must be operated by voice.
2. In order to make Intercom call connected, if you speak at higher level than normal voice just as "Call ~" to connect it then you can start to speak through it.
3. If there is no sound for 30 seconds during Intercom call then the call will be automatically ended.(It beeps 10 seconds prior to end of the call)



■ To receive a call during Intercom call conversation

1. For receiving a call automatically, you can hear receiving call tone during Intercom call conversation and then it is automatically connected after 3 seconds.
2. For receiving a call manually, you can hear incoming call tone during your Intercom call conversation, then press **1)** to receive that call.
3. The model with voice support can connect Intercom with voice, general model automatically connects Intercom after ending of the call.



5 Others

■ Utilizing navigation

1. This equipment and smart phone must be connected to "Stereo headset" in order to have them work normally.
2. Execute navigation installed in the smart phone.
-Example) Tmap, Show Navi, Mapple 3Di, distribution program, etc.



Cautions :

When to use peripherals (Dongle) containing Bluetooth function "Hands free" only must be registered in the mobile phone for it to work normally.



Note

[Information] Navigation and listening music can be simultaneously executed in the smart phone.

■ Utilizing App of smart phone.

1. This equipment and smart phone must be connected to "Stereo headset" in order for it to work normally.
2. Execute application which is possible to use in smart phone.
-For example) Skype, Viber, Radio player R-2, etc.



Note

[Information] Skype or viber App must be directly operated during call conversation in the iPhone.

■ Using wireless equipment Dongle (F100)

If HSB-series and FM Bluetooth Dongle is connected to wireless equipment then you can communicate with many people at long distance free of charge.



Dongle (F100)

1. Connecting wireless equipment

- ① Make registration ready (Pairing) condition by pressing power button located at a side of Dongle for 4 seconds.
Then violet indication lamp lights.
- ② If you press **③** **④** for 8 seconds after power of this equipment is switched on, blue and red indication lamp light simultaneously.
- ③ Press **③** **④** once for a short time in this equipment.

Press Intercom button for a short time. It will be automatically connected after a certain time (15 seconds).



2. all conversation through wireless equipment.

- ① If you wait for about 15 seconds and if indication lamp of FM Bluetooth Dongle lights always blue light then it is normally connected condition.
- ② Connect FM Bluetooth Dongle to the terminal of wireless equipment Audio/PTT terminal.
- ③ If you connect multi PTT components to PTT terminal of FM Bluetooth Dongle and then if you press it for a short time then you can connect/release Intercom, and if you press it for a long time at the connected condition then you can make call conversation with other party of wireless equipment by operating with wireless transmitter PTT.



Wireless equipment




Wireless equipment attached with Dongle (F100)




Note

[Information] This equipment and mobile phone must be connected to "Stereo headset" and "Hands free" and smart phone must be connected to "Mobile phone audio" and "Media Audio" then you can make call conversation and listen music.

3. Receiving a call during using wireless equipment

- ① During using Intercom with wireless equipment channel, if it is set as automatic receiving then it disconnects Intercom and receives the call automatically.
- ② If it is set as manual receiving then you can receive the call by pressing .
- ③ If it is manual receiving, the model supporting voice can receive a call by voice by making bigger voice (Call ~) than normal when the bell is ringing.
- ④ If the call conversation ends, it is automatically connected to Intercom to be able to use wireless equipment in previous condition. (The model supporting voice can not make automatic connection and therefore it must be connected manually (By voice) when necessary)

4. Making a call during using wireless equipment

- ① Release wireless Intercom connection by pressing multi PTT button for a short time. (It is also released if Intercom button of this equipment is pressed for a short time)
- ② Make a call by pressing  of this equipment for a short time.

5. Listening music/Navigation during using wireless equipment

- ① Release Intercom connection by pressing multi PTT button for a short time. (It is also released by pressing Intercom button of this equipment for a short time)
- ② Execute music or Navigation.
- ③ You can select wireless Intercom or music/Navigation by pressing multi PTT button for a short time.
- ④ If you want to hear music/Navigation automatically after using wireless equipment Intercom, you can change connection time with center button of Dongle (F100).
-At ready condition, if you press center button of Dongle (F100) for 4 seconds and red light flickers 4 times then it is changed to 10 second operation mode.



Dongle
(F100)



Note

[Information] To charge Dongle (F100), open the cover of PTT button and insert charger into power connection part located at upper part.

6 Appendixes

■ Pairing

You must register the equipment which you want to use in the Bluetooth equipment in advance and this process is called as pairing.

Ready condition for registration of new equipment is called as "pairing condition", the completion of registration is called as "Paired".

Pairing (Registration) is done only once with the equipment to be used for the first time, however, pairing must be done again in following cases:

1. If you initialize (SW) this equipment, all pairing (Registration) information disappears and it becomes factory initialization condition.
2. If information in the equipment such as mobile phone (smart phone) connected to this equipment is deleted.
3. If more than eight equipments were paired in mobile phone (Smart phone) and oldest Bluetooth information was deleted.
4. If pairing information is deleted by repairing this equipment due to its trouble.



Cautions :

1. If this equipment does not complete pairing within 3 minutes, it comes out automatically from pairing condition. (Therefore you must make pairing condition again.)
2. If power of this equipment turned on and then off then it is automatically connected without any separate operation. However, some functions of Bluetooth peripheral equipment may be limited.
3. If error operation occurs during use of this equipment, and if power is turned off and then turned on again then it will operate normally.

■ Multi pairing (3 channels)

Multi pairing is 3 channel pairing technology to support multi plays to connect and use many equipments such as this equipment simultaneously.

1. You must make pairing with all equipments of functions desiring to use.
2. This equipment connects from the equipment of simple function 1 channel in sequence referring to "Registering". (Some function may be restricted according to connection sequence or mobile phone.)
3. Last connected equipment has priority in the multi pairing.

! Cautions :

1. It is not possible to connect with equipment using profile such as multi pairing. Example) It is not possible to connect between MP3 player of mobile phone and MP3 of other Bluetooth. (Simultaneous connection is not possible using the same A2DP profile.)
2. Some functions may be restricted according to connection sequence in multi pairing. Example) It may not be connected with navigation after connected with smart phone. (If smart phone is connected with all profiles then Navi cannot be paired.)



Note

[Information]

1. If you press volume button for 2 seconds then the music contained in the mobile phone starts together with beep tone to be played.
2. There are many cases to configure with equipments of world wide manufacturers in multi pairing, therefore we guaranty competitiveness with our recommend equipments only.

- **Storing** If you do not use this equipment, switch off and store it in room temperature and store it avoiding direct light and inside of hot vehicle, etc.

! Cautions :

1. Do not touch the leaked liquid from rechargeable battery with your bare hand.
2. Do not charge other than designated rechargeable battery.
3. If battery liquid goes into your eyes, it may cause to lose your eyesight therefore do not rub your eyes and wash your eyes with plenty of clean water such as tap water and seek doctor to get medial treatment.
4. Do not put it into fire and do not heat or disassemble it.
5. Do not use, store, leave it at the places of direct light, inside of hot vehicle, hot temperature, etc.

■ Button operation time and indication lamp condition

LED window Red indication lamp Blue indication lamp

Functions	Operation buttons	Operation methods	Indication lamp color
Power On/Off		Press for longer than 2 seconds	
Registering mobile phone		In the power off condition, press button for longer than 4 seconds.	
Controlling volume		It increases if button is pressed once, and it decreases if button is pressed twice consecutively. (Set value is stored until it is initialized)	
Checking remaining level of battery (R100)		Press button for longer than 4 seconds. (For charging, red light flickers)	
Turning voice recognition On/Off (R100)		Press button for longer than 8 seconds. (For turning off, red light flickers)	
Changing automatic/manual of receiving a call		Press button for longer than 4 seconds. (For manual, red light flickers)	
Registering Intercom		Press button for longer than 8 seconds. (violet light is turned on)	
Call conversation through Intercom		In Intercom ready condition, press button once.	

■ Consumer's damage compensation regulations

Examples of consumer's damage		Contents of compensation	
		Within warranty period	After lapse of warranty period
In normal use condition, trouble in performance, functions occurs naturally (Within storing period of parts)	Substantial repair required within 10 days of purchase	Replacement of product or refund of purchased price	Not applicable
	Repair is required for important parts within 1 month of purchase	Replacement of product	
	Substantial repair is required for replaced product within 1 month	Refund the total amount of depreciated price	
	Defect occurred	Free of charge repair	
	Trouble occurs again after repair of the same defect	Replacement of product or refund of purchased price	Refund the total amount of depreciated price +10%
	If it is not possible to repair		
	If the product which consumer left for repair is lost	Replacement of product	
Trouble occurred due to consumer's intention or negligence	If it is possible to repair	Repair at cost	Repair at cost
	If it is impossible to repair	Replacement of product after collecting	

Q&A

■ Asking questions by customers

Q. What is communication distance with mobile phone?

A. Maximum wireless communication distance of this product is 10m.

Q. Can this product be connected with notebook, PDA, PC for use?

A. This product can be used with those equipments supporting Bluetooth headset or hands free profile.

Q. Can this product work well when power off → ON?

A. Button of this product is designed not to work for 3 seconds during power off for safety reasons.

Q. Is Intercom registration done well with new equipments without problem?

A. If there is any existing Intercom registered equipment then switch off the power or apart from it then you can do Intercom registration between new equipments.

Q. Are there any factors to interfere communication?

A. Those equipments such as wireless phone or wireless network devices can generate radio waves and may interfere with communication therefore it is recommended to use this equipment at the place apart from those equipments using or generating radio waves.

Q. Can other Bluetooth mobile phone users hear my communication?

A. If you connect headset to Bluetooth mobile phone then it is connected between two equipments only for safety therefore they cannot hear your communication.

Q. If contained battery ends its life then can it be replaced for use?

A. Free of charge guaranty period of battery is 6 months, if you want to replace your battery ended its life then visit designated A/S center. Battery life may vary according to using environment.

Q. Can I listen to music contained in my mobile phone?

A. It will normally be operated if you connect "Stereo headset" to mobile phone in Bluetooth.

Q&A

■ Questions made by customers

Q. Music is disconnected during listening music?

- A. ① If it is not original sound source, sound may be sometimes disconnected due to damage of file.
② Sound may be sometimes disconnected due to interference in the area using radio waves such as Wi-Fi.

Q. It is not working well?

- A. ① Initialize it by pressing reset button or using charger.
② Switch off and then on the power of mobile phone (Smart phone)

Q. A level of sound of speaker is so low?

- A. If the speaker attached inside of helmet installed apart from your ear, then you may hear the sound so low.

Q. How can I do pairing of smart phone?

- A. Please refer to "Registering".

Q. It does not connect with Intercom?

- A. It must be made Intercom pairing between two equipments, if they have problem in working, then use it after connecting between two equipments.

Q. Can I make Intercom connection with the product of other companies?

- A. For Intercom pairing, you must connect it after you prepare the product of other companies for mobile phone pairing condition to work.

Q. It takes too long for Intercom connection?

- A. Intercom connection is possible with other company's product and it takes minimum time (15 seconds) to get security approval for Intercom connection.

■ Specifications and characteristics

Product name	HSB-S100	HSB-R100	HSB-F100 (Dongle)
Specifications of Bluetooth	2.1 version	2.1 version	2.1 version
Frequency range	2.402GHz ~ 2.480GHz	2.402GHz ~ 2.480GHz	2.402GHz ~ 2.480GHz
Communication distance	at Max. 100m	at Max. 200m	at Max. 30m
Transmission Power	at Max. 2mW	at Max. 7mW	at Max. 2mW
Mobile phone mode	Supporting HSP1.5	Supporting HSP1.5	—
Intercom mode	Supporting other kinds of equipment	Supporting other kinds of equipment	—
MP3 mode	Supporting Stereo	Supporting Stereo	Mono Supported
Charging time	About 2 hour 30 minutes	About 2 hour 30 minutes	About 2 hour 30 minutes
Multi tasking	Support	Support	—
MIC type	Embedded in main body or external device support	Embedded in main body or external device support	—
Call conversation time	Max. 9H	Max. 9H	Max. 16H
Waiting time	Max. 150H	Max. 150H	Max. 150H
Profile	A2DP, AVRCP, HFP	A2DP, AVRCP, HFP	HSP, HFP
External view	60(L) × 25(W) × 12(H)	60(L) × 25(W) × 12(H)	49(L) × 39(W) × 14(H)
Weight	Max. 30g	Max. 30g	Max. 25g
Output power of adapter	DC 5[V] / 500 [mA]	DC 5[V] / 500 [mA]	DC 5[V] / 500 [mA]

* Battery use time may vary according to the environment in use of mobile phone.

Product warranty

This product is produced through strict quality control and inspection.
Please fill in following product warranty and then keep it.

■ Free of charge service

1. You may enjoy free of charge service for the trouble occurred in the normal use condition within warranty period. (Excluding non-trouble, negligence)
2. Warranty period for battery is 6 months.

■ Service at cost

1. For the trouble caused by disassemble, modification or negligence in use (Submersion, breakage, damage) by consumer own.
2. For trouble caused by using expendables, accessory which are not authorized by our company.
3. For trouble due to not observed "Cautions" in user manual.

Product name	Outdoor Bluetooth
Model name (Certified name)	HUR-HSB-series
Warranty period	1 year
Date of purchase	201 . . .
Purchased place	
Customer	Name : Mobile phone No:



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